INTERNATIONAL SEARCH REPORT

Inte al Application No PCT/JP2004/013264

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C09B47/00 C09I C09B47/32 C12Q1/68 C12N15/09 G01N33/53 G01N33/533 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) GO1N CO9B C12Q Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, INSPEC C. DOCUMENTS CONSIDERED TO BE RELEVANT Category 1 Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X A. JUARRANZ ET. AL.: "Fluorescent 1-8 porphyrin counterstaining of chromatin DNA in conjunction with immunofluorescence methods using FITC-labelled antibodies" JOURNAL OF MICROSCOPY. vol. 182, no. 1, 1 April 1996 (1996-04-01), pages 46-49, XP002326741 page 46, column 1, paragraph 1 page 47; figure 1 page 49, column 1, paragraph 2 Х Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of clied documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *A* document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an invention to cannot be considered to involve an invention step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "O" document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed *&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 18 May 2005 08/06/2005 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Ketterer, M Fax: (+31-70) 340-3016

2

, INTERNATIONAL SEARCH REPORT

Intel Application No
PCT/JP2004/013264

	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
alegory °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
х	DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; May 1994 (1994-05), NUSSBAUM J M ET AL: "Structure-specific binding and photosensitized cleavage of branched DNA three-way junction complexes by cationic porphyrins." XP002326742 Database accession no. NLM8041806 abstract & PHOTOCHEMISTRY AND PHOTOBIOLOGY. MAY 1994, vol. 59, no. 5, May 1994 (1994-05), pages 515-528, ISSN: 0031-8655	1-3
K	US 2001/014452 A1 (MAKINO YOSHIHIKO ET AL) 16 August 2001 (2001-08-16) page 2, column 2, paragraph 26 & JP 2001 289848 A 19 October 2001 (2001-10-19) cited in the application	1
(WO 99/07793 A (NYCOMED AMERSHAM PLC; GRIFFITHS, JOHN; MAMA, JOHN; MILLAR, VALERIE; BR) 18 February 1999 (1999-02-18) page 12, line 3 - line 24 page 20 claims 1,13	1-3
(S. HONG; S. HUH: "Spectroscopic Studies on Binding Interactions of Cationic Porphyrin Derivatives with Double Helical d(CGCGAATTCGCG)2" BULLETIN OF THE KOREAN CHEMICAL SOCIETY, vol. 24, no. 1, 31 January 2003 (2003-01-31), pages 137-140, XP002326743 the whole document	1-3
(WO 90/02747 A (ULTRA DIAGNOSTICS CORPORATION) 22 March 1990 (1990-03-22) page 11, line 36 - page 12, line 1 page 21, line 25 - line 28 example 5	1-6,8
4	US 5 880 287 A (DANDLIKER ET AL) 9 March 1999 (1999-03-09) claims; example 11 abstract	1,4,8
١	US 4 614 723 A (SCHMIDT ET AL) 30 September 1986 (1986-09-30)	1,4

, INTERNATIONAL SEARCH REPORT

information on patent family members

Inten al Application No PCT/JP2004/013264

				1 01/ 01 2004/ 013204			
	atent document d in search report		Publication date		Patent family member(s)		Publication date
US	2001014452	A1	16-08-2001	JP	2001289848	Α	19-10-2001
JP	2001289848	Α	19-10-2001	US	2001014452	A1	16-08-2001
WO	9907793	Α	18-02-1999	CA	2297215	A1	 18-02-1999
				DE	69809248	D1	12-12-2002
				DE	69809248	T2	24-07-2003
				EP	1002020	A1	24-05-2000
				WO	9907793	A1	18-02-1999
				JP	2003525307	T	26-08-2003
				US	6458966		01-10-2002
WO	9002747	Α	22-03-1990	AU	642396	B2	21-10-1993
				ΑU	4216389	Α	02-04-1990
				CA	1337754		19-12-1995
				EP	0434727		03-07-1991
				JP	4500516		30-01-1992
				WO	9002747		22-03-1990
				US	5494793		27-02-1996
				US	5135717		04-08-1992
				US 	5346670	A	13-09-1994
US	5880287	Α	09-03-1999	US	5677199		14-10-1997
				US	5641878		24-06-1997
				US	5403928		04-04-1995
				CA	2223418		19-12-1996
				CN	1198816		11-11-1998
				JP	2001517296		02-10-2001
				WO	9641144		19-12-1996
		•		บร บร	5919922		06-07-1999
				US	6060598		09-05-2000
				US	5846703 5606045		08-12-1998
				US	5707813		25-02-1997
				AT	206124		13-01-1998 15-10-2001
				CA	2082934		16-11-1991
				DE	69132744		31-10-2001
				DE	69132744		10-10-2001
				EP	0528991		03-03-1993
				ES	2164043	T3	16-02-2002
				ĴΡ	5507518		28-10-1993
				WO	9118007		28-11-1991
				CA	2082936		16-11-1991
US	4614723	Α	30-09-1986	AU	560081	 B2	26-03-1987
				ΑU	2831984		06-12-1984
				DE	3464252		23-07-1987
				EP	0127797		12-12-1984
				JP	60051191		22-03-1985